

## EAST Search History

| Ref # | Hits     | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|----------|---|---|------------------|---------|------------------|
| L1    | 251      | 382/137.CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/16 08:30 |
| S1    | 94       | ("4866037" "5008374" "5371073"<br>"5910427" "6181342" "6288799"<br>"4146019" "4305872" "4771121"<br>"4855405" "4897463" "4898818"<br>"4929548" "4948738" "4975959"<br>"4990614" "5232850" "5272255"<br>"5327248" "5342614" "5342615"<br>"5371204" "5377039" "5382530"<br>"5408328" "5438436" "5464819"<br>"5469161" "5489514" "5538947"<br>"5543140" "5565338" "5572643"<br>"5611033" "5623090" "5629433"<br>"5643510" "5649013" "5659631"<br>"5699458" "5702698" "5708826"<br>"5713019" "5715487" "5717787"<br>"5723582" "5737619" "5745908"<br>"5752055" "5754772").pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/07 14:17 |
| S2    | 175      | (atm (automated adj2 banking adj<br>machine) (automated adj2 teller adj<br>machine) ((cash mac deposit\$4<br>banking teller self\$1service) near5<br>(machine apparatus terminal))) and<br>(ink near10 captur\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/07 14:28 |
| S3    | 34228330 | @ad<"20030310" or<br>@pd<"20030310"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/07 14:21 |
| S4    | 78       | S2 and S3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/07 14:21 |
| S5    | 133      | (atm (automated adj2 banking adj<br>machine) (automated adj2 teller adj<br>machine) ((cash mac deposit\$4<br>banking teller self\$1service) near2<br>(machine apparatus terminal))) and<br>(ink near5 (catch\$3 intercept\$3<br>gutter captur\$4))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/07 14:32 |

## EAST Search History

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S6  | 65     | S3 and S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/07 14:29 |
| S7  | 19     | S6 not S4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/07 14:29 |
| S8  | 138241 | "235"/\$.ccls. or "705"/\$.ccls. or<br>"902"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/07 14:32 |
| S9  | 3475   | (ink near3 (catch\$3 intercept\$3<br>gutter captur\$4)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:13 |
| S10 | 215    | S8 and S9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/07 14:33 |
| S11 | 85     | S10 and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/07 14:33 |
| S12 | 82     | S11 not S4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/07 14:33 |
| S13 | 81     | S12 not S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/07 14:33 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S14 | 81  | S13 not S7  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/07 14:33 |
| S15 | 165 | remov\$5 near10 (ink near3 (catch\$3 intercept\$3 gutter captur\$4))            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 17:46 |
| S16 | 136 | remov\$5 near5 (ink near3 (catch\$3 intercept\$3 gutter captur\$4))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 18:04 |
| S17 | 1   | disconnect\$4 near5 (ink near3 (catch\$3 intercept\$3 gutter captur\$4))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 17:48 |
| S18 | 21  | remov\$5 near5 (ink near3 (waste near3 container))                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 18:14 |
| S19 | 0   | remov\$5 near5 (ink near3 (overspray near3 container))                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 18:06 |
| S20 | 0   | remov\$5 near5 (ink near3 overspray)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 18:06 |
| S21 | 38  | remov\$5 near5 (ink near3 (waste near3 (vessel bin storage chamber container))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/14 18:14 |

## EAST Search History

|     |          |  |   |    |     |                  |
|-----|----------|--|---|----|-----|------------------|
| S22 | 2        | "6290070".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 09:21 |
| S23 | 17868    | (ink near3 (catch\$3 intercept\$3 gutter captur\$4 container waste))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:14 |
| S24 | 67451    | "347"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:13 |
| S25 | 6814     | S23 and S24  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:13 |
| S26 | 1936     | (remov\$4 disconnect\$4 detach\$4)<br>near5 (ink near3 (catch\$3 intercept\$3 gutter captur\$4 container waste)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:20 |
| S28 | 994      | S24 and S26  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:15 |
| S29 | 23783350 | @ad<"20030310"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:15 |
| S30 | 788      | S28 and S29  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:15 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S31 | 1731 | (remov\$4 disconnect\$4 detach\$4)<br>near5 (ink near2 (spittoon catch\$3<br>intercept\$3 gutter captur\$4<br>container waste)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:21 |
| S32 | 917  | S24 and S31   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:20 |
| S33 | 728  | S29 and S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:21 |
| S34 | 1107 | (remov\$4 disconnect\$4 detach\$4)<br>near5 (ink near2 (spittoon catch\$3<br>intercept\$3 gutter captur\$4<br>container))       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:21 |
| S35 | 936  | (remov\$4 disconnect\$4 detach\$4)<br>near3 (ink near2 (spittoon catch\$3<br>intercept\$3 gutter captur\$4<br>container))       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:21 |
| S36 | 589  | S24 and S35   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:21 |
| S37 | 473  | S29 and S36   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:24 |
| S38 | 7    | (remov\$4 disconnect\$4 detach\$4)<br>near3 (ink near2 spittoon)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:25 |

## EAST Search History

|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S39 | 20     | (remov\$4 replac\$4 disconnect\$4<br>detach\$4) near3 (ink near2<br>spittoon)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:26 |
| S40 | 13     | S39 not S38  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:27 |
| S41 | 8      | replac\$4 near3 (ink near3 waste<br>near3 container)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:32 |
| S42 | 4      | replac\$4 near3 (ink near3 catch\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:33 |
| S43 | 0      | replac\$4 near3 (ink near3 gutter)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:33 |
| S44 | 0      | replac\$4 near3 (ink near3<br>intercept\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:33 |
| S45 | 0      | replac\$4 near3 (ink near3 captur\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:35 |
| S46 | 253219 | (atm (automat\$4 adj2 machine)<br>((teller banking) adj2 machine)<br>(deposit\$4 adj2 (machine<br>apparatus)) (check\$1cash\$4 adj2<br>machine)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:39 |

## EAST Search History

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S47 | 143278 | (ink adj3 print\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:37 |
| S48 | 3000   | S46 and S47   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:38 |
| S49 | 3021   | 235/379.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:38 |
| S50 | 32     | S48 and S49   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:38 |
| S51 | 316    | (atm (automat\$4 adj2 machine)<br>((teller banking) adj2 machine)<br>(deposit\$4 adj2 (machine<br>apparatus)) (check\$1cash\$4 adj2<br>machine)) and (print\$4 near4<br>envelope) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:24 |
| S52 | 56     | S49 and S51   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:40 |
| S53 | 49     | S29 and S52   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:29 |
| S54 | 575    | "347"/\$.ccls. and (spittoon)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 10:48 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S55 | 452   | S29 and S54  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:07 |
| S56 | 292   | 347/36.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:07 |
| S57 | 239   | S29 and S56  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:10 |
| S58 | 15513 | replac\$4 near5 (gutter container<br>spittoon catcher interceptor) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:11 |
| S59 | 9     | S57 and S58  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:16 |
| S60 | 292   | 347/36.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:16 |
| S61 | 41    | (inkjet adj printer) same (ATM)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:23 |
| S62 | 13    | (inkjet adj printer) same (banking<br>adj1 machine)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:24 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S63 | 91   | (atm (automat\$4 adj2 machine)<br>((teller banking) adj2 machine)<br>(deposit\$4 adj2 (machine<br>apparatus)) (check\$1cash\$4 adj2<br>machine)) same (inkjet adj printer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:24 |
| S64 | 40   | S29 and S63  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 11:25 |
| S65 | 3021 | 235/379.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 16:12 |
| S66 | 12   | (spittoon near10 (pivot\$4))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 16:23 |
| S67 | 9    | (spittoon near5 (pivot\$4))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 17:43 |
| S68 | 2    | (ink near3 gutter near5 (pivot\$4))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 16:22 |
| S69 | 4    | (ink near2 waste near5 (pivot\$4))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 16:22 |
| S70 | 3    | S66 not S67  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 16:23 |

## EAST Search History

|     |          |   |  |    |     |                  |
|-----|----------|---|--|----|-----|------------------|
| S71 | 27       | 347/36.ccls. and ((remov\$4 disconnect\$4 detach\$4) near4 wiper)             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/15 17:47 |
| S72 | 576      | "347"/\$.ccls. and ((remov\$4 disconnect\$4 detach\$4) near4 wiper)           | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/15 17:49 |
| S73 | 138540   | "235"/\$.ccls. or "705"/\$.ccls. or "902"/\$.ccls.                            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/15 17:48 |
| S74 | 1        | S73 and S72   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/15 17:48 |
| S75 | 23783350 | @ad<"20030310"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/15 17:48 |
| S76 | 424      | S75 and S72   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/15 17:49 |
| S77 | 582      | "347"/\$.ccls. and ((remov\$4 replac\$4 disconnect\$4 detach\$4) near4 wiper) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/15 17:50 |
| S78 | 37       | "347"/\$.ccls. and ((replac\$4) near4 wiper)                                  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/15 17:50 |

## EAST Search History

|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S79 | 25 | S75 and S78  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 18:02 |
| S80 | 0  | spittoon near10 (oppos\$4 near4 pin)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 18:03 |
| S81 | 0  | spittoon near10 (oppos\$4 near10 pin)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 18:03 |
| S82 | 18 | gutter near10 (oppos\$4 near10 pin)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 18:04 |
| S83 | 0  | ink near4 gutter near10 (oppos\$4 near10 pin)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 18:04 |
| S84 | 6  | (waste near3 container) near10 (oppos\$4 near10 pin) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/15 18:04 |